

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

## REVOCATION OF POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/441,592
Filing Date	November 17, 1999
First Named Inventor	Keith E. LeJeune
Art Unit	1651
Examiner Name	David M. Naff
Attorney Docket Number	99-041 (030660)

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

A power of Attorney or Authorization of Agent is submitted herewith.

OR

Please change the correspondence address for the above-identified application to:

Customer Number



Place Customer Number Bar Code Label here

OR

Firm or Individual Name

Address

Address

City

Country

State

Zip

Telephone

Fax

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Name

Keith E. LeJeune, CEO, Agentase, LLC

Signature

Date

1-15-04

Telephone

412-209-7298

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. see below.

\*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.50. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/08 (04-03)

Approved for use through 04/30/2008. OMB 0621-0037  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Keith E. LeJeune

Application No./Patent No.: 09/441,592 Filed/Issue Date: November 17, 1999

Entitled: Enzyme-Containing Polyurethanes

Assignee: LLC, a Corporation

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or

2.  an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 010716, Frame 0710, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

1-15-04

Date

412-209-7298

Telephone number

Keith E. LeJeune

Typed or printed name



Signature

President, CEO

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.16. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22314-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22314-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



21, 2000



PTAS

99-041

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231



\*101333098A\*

HENRY E. BARTONY, JR  
LAW & FINANCE BUILDING  
429 FOURTH AVENUE, SUITE 1801  
PITTSBURGH, PA 15219

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/27/2000

REEL/FRAME: 010716/0710  
NUMBER OF PAGES: 9

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

LEJUENE, KEITH E.

DOC DATE: 03/21/2000

ASSIGNEE:

RUSSELL, ALAN J.

DOC DATE: 03/21/2000

ASSIGNEE:

AGENTASE, LLS  
3636 BOULEVARD OF THE ALLIES  
PITTSBURGH, PENNSYLVANIA 15213

SERIAL NUMBER: 09441592

FILING DATE: 11/17/1999

PATENT NUMBER:

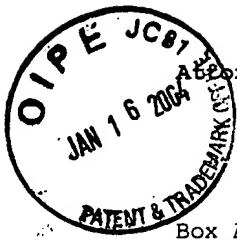
ISSUE DATE:

ANTIONE ROYALL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

MRD

3.27.00

04-25 000



Attorney's Docket No. 99-041

101333098

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Box Assignments  
Assistant Commissioner for Patents  
United States Patent And Trademark Office  
Washington, D.C. 20231

NOTE: "Documents and cover sheets to be recorded should be addressed to Assistant Commissioner for Patents, Box Assignments, Washington, D.C. 20231, unless they are filed together with new applications or with a petition under S 3.81(b)." 37 CFR 3.27.

**ASSIGNMENT (DOCUMENT) COVER SHEET (37 CFR 3.31)**

NOTE: "A cover sheet may not refer to both patents and trademarks." 37 CFR 3.31(b).

Attached please find an assignment (document) for recordal.

**IDENTIFICATION OF APPLICATION(S) AND/OR PATENT(S)  
FOR ASSIGNMENT (DOCUMENT) RECORDAL  
(37 CFR 3.21 and 37 CFR 3.31(a)(4))**

NOTE: "An assignment relating to a patent must identify the patent by the patent number. An assignment relating to a national patent application must identify the national patent application by the application number (consisting of the series code and the serial number, e.g., 07/123,456) or the serial number and the filing date. An assignment relating to an international patent application which designates the United States of America must identify the international application by the international application number (e.g., PCT/US90/01234)." 37 CFR 3.21.

NOTE: S 3.21 does not apply to documents other than assignment. Notice of June 24, 1992 (1140 O.G. 63-72 at 67).

1. This assignment is for the following patent application and/or issued patent:

**ENZYME-CONTAINING POLYURETHANES**

National application: SN: 09/441,592 filed on November 17, 1999

Provisional application: / filed on

International application: PCT/ /

Patent No: Issued:

(COMPLETE IF APPLICABLE) which was previously assigned and recorded

Date \_\_\_\_\_

Reel \_\_\_\_\_

Frame \_\_\_\_\_

04/25/2000 DOCTES 00000094 094415P

01 FC:581

40.00 OP

(ALSO COMPLETE THE FOLLOWING, IF APPLICABLE)

[ ] and also for the applications and/or patents  
shown on the attached list of FURTHER  
APPLICATION(S) and/or PATENT(S) BEING ASSIGNED

Number of pages added \_\_\_\_\_

NOTE: "Where there is a listing of properties contained within a document, any listing may be copied and attached to the cover sheet to reduce the amount of typing necessary. A notation of this attachment can be made in lieu of entering every property identification number on the cover sheet. Notice of June 24, 1992 (1140 O.G. 63-72 at 67).

**TOTAL NUMBER OF APPLICATIONS AND/OR PATENTS  
AND TOTAL FEE (37 CFR 3.28(a)(6))**

2. A. The total number of applications and/or patents identified in this cover sheet is

\_\_\_\_\_ 1 \_\_\_\_\_.

B. The total fee is (37 CFR 1.21(h)):

\_\_\_\_\_ 1 \_\_\_\_\_ X \$40.00 = \$ \_\_\_\_\_ 40.00 \_\_\_\_\_  
Total number of applications  
and/or patents

C. Payment of fee is made by:

[x] the attached check for \$ \_\_\_\_\_ 40.00 \_\_\_\_\_.

[ ] Please charge Account \_\_\_\_\_

the sum of \$ \_\_\_\_\_.

A duplicate of this cover sheet is attached.

Please charge Account \_\_\_\_\_ 02-1065 \_\_\_\_\_ for any fee deficiency or  
credit to account any overpayment.



NAME OF PARTY(IES) CONVEYING INTEREST  
(37 CFR 3.31(a)(1))

NOTE: "The term 'party' as used in this rule [S 3.31] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer where a corporation's name appears on the documents." Notice of June 24, 1992 (1140 O.G. 63-72, at 65).

3. The party(ies) conveying interest is (are):

Name 1: Keith E. LeJuene

Name 2: Alan J. Russell

NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST  
(37 CFR 3.31(a)(2))

4. The rights are being conveyed to:

Name: Agentase, LLC

Address: 3636 Boulevard of the Allies

Pittsburgh, PA 15213 U.S.A

DESCRIPTION OF INTEREST CONVEYED OR  
TRANSACTION RECORDED (37 CFR 3.31(a)(3))

5. The accompanying document intends to accomplish:

- an assignment.
- a security agreement.
- a merger.
- a license.
- a change of name.
- a change of address.
- other:

NAME AND ADDRESS OF PARTY TO WHOM  
CORRESPONDENCE SHOULD BE MAILED (37 CFR 3.31(a)(5))

6. Please address correspondence to:

Name: Henry E. Bartony, Jr.

Address: Law & Finance Building  
Suite 1801  
429 Fourth Avenue  
Pittsburgh, PA 15219 USA

Telephone No.: (412) 338-8632  
Fax No.: (412) 338-6611

DATE ASSIGNMENT (DOCUMENT) EXECUTED  
(37 CFR 3.31(a)(7))

7. The attached assignment (document) was executed on  
March 21, 2000

(date)

LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

NOTE: "The Office will accept and record non-English language documents only if accompanied by a verified English translation signed by the individual making the translation." 37 CFR 3.26.

8. The attached document:

is in the English language.  
 is not in the English language and a verified English translation signed by the individual making the translation is attached.

ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

NOTE: "Either the original document or a true copy of the original document may be submitted for recording. Only one side of each page shall be used. The paper used should be flexible, strong, white, non-shiny, durable, and preferably no larger than 21.6 x 33.1 cm. (81/2 x 14 inches) with a 2.5 cm. (one-inch) margin on all sides." 37 CFR 3.24.

9. Submitted herewith is:

the original document.  
 a true copy of the original document.

NOTE: "If the original [assignment] document is two-sided or the wrong size, the practitioner can comply with the requirement [set out in 37 C.F.R. S 3.24] by providing a true copy of the original document using

only one side of each page on the correct size paper.'' Notice of June 24, 1992, 1140 O.G. 63-76, at 67.

**ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF ADDRESS**

(check item, if applicable)

10. [ ] Because the purpose of the attached documents is to record a change of address of the assignee, the particulars of the previously recorded assignments for each application and/or patent are shown.

**ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF NAME**

(check item, if applicable)

11. [ ] Because the purpose of the attached documents is to record a change of name of the assignee, the particulars of the previously recorded assignments for each application and/or patent are shown.

**CHANGE OF PATENT MAINTENANCE FEE ADDRESS**

(check item, if applicable)

12. [ ] A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent to the Office separately.

STATEMENT (37 CFR 3.31(a)(9)) AND  
SIGNATURE (37 CFR 3.31(a)(10))

13. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

NOTE: ''The term 'party' as used in this rule [S 3.31] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer where a corporation's name appears on the document.'' Notice of June 24, 1992, 1140 O.G. 63-76, at 65.

Date: March 22, 2000

Henry E. Bartony, Jr.

Name of party submitting document

  
Henry C Bartony

Signature of party submitting document

(COMPLETE THE FOLLOWING, IF THE PARTY  
SUBMITTING THE DOCUMENT IS  
APPLICANT'S ATTORNEY)

  
Henry C Bartony

SIGNATURE OF ATTORNEY

Reg. No.: 34,772

Henry E. Bartony, Jr.

(TYPE OR PRINT NAME OF ATTORNEY)

Bartony & Hare

Suite 1801, Law & Finance Building

P.O. Address

429 Fourth Avenue

Pittsburgh, PA 15219

TOTAL NUMBER OF PAGES BEING SUBMITTED

14. The total number of pages being submitted, including cover sheet attachment(s), and documents are:

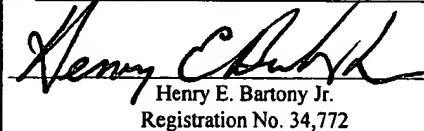
9

Total number of pages submitted

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: The Assistant Commissioner for Patents, Washington D.C. 20231.

On March 22, 2000

  
Henry C Bartony  
Henry E. Bartony Jr.  
Registration No. 34,772

March 22, 2000

Date

For:  U.S. and  Foreign Rights  
For:  U.S. Application or  
[ ] U.S. Provisional Application  
For: [ ] U.S. Patent  
For: [ ] PCT Application  
By:  Inventor(s) or [ ] Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR(S):**

Inventor(s) or  
person(s) or  
entity(ies) who own the  
invention

1. Keith E. LeJuene  
(TYPE OR PRINT NAME(S) OF ASSIGNOR(S))

1914 Teal Trace  
ADDRESS

Pittsburgh, Pennsylvania 15237

USA  
NATIONALITY

2. Alan J. Russell  
(TYPE OR PRINT NAME(S) OF ASSIGNOR(S))

113 Foxwood Drive  
ADDRESS

Wexford, Pennsylvania 15090

USA  
NATIONALITY

hereby sell, assign and transfer to

**ASSIGNEE:**

Agentase, LLC  
(TYPE OR PRINT NAME(S) OF ASSIGNEE(S))

3636 Boulevard of the Allies  
Address

Pittsburgh, Pennsylvania 15213

USA  
Nationality

a Pennsylvania corporation, and the successors, assigns and legal representatives of  
the ASSIGNEE

(complete one of the following)

the entire right, title and interest

an undivided \_\_\_\_\_ percent (\_\_\_\_%) interest

for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority,

in and to any and all inventions, developments and improvements (collectively, the "Inventions") which are disclosed in the invention entitled:

**ENZYME-CONTAINING POLYURETHANES**

Name of inventor(s) Keith E. LeJuene and Alan J. Russell

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a)  U.S. patent application executed on even date herewith

(b)  U.S. patent application executed on \_\_\_\_\_

(c)  U.S. provisional application naming the above inventor(s) for the above-entitled invention.

Express mail label no.: \_\_\_\_\_  
Mailed: \_\_\_\_\_

To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.

(d)  U.S. application no. 09/441,592  
filed on November 19, 1999

Express mail label no.: \_\_\_\_\_

(e)  International application no. PCT/ \_\_\_\_\_ / \_\_\_\_\_  
\_\_\_\_\_

(f)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g)  and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for the Inventions by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent, any reissue or re-examination thereof.

ASSIGNOR(S) hereby covenant that no assignment, sale, grant, mortgage, license, encumbrance or other agreement affecting the rights and property herein conveyed has been or will be made or entered into, and that ASSIGNOR(S) have the full right to convey the same.

ASSIGNOR(S) further agree that when requested, without charge to, but at the expense of ASSIGNEE, that ASSIGNOR(S) will: 1) execute, for all countries, all divisions, reissues, reexaminations, continuations, renewals, extensions and all other patent applications on any and all of the Inventions; 2) execute all rightful oaths and other papers; 3) communicate all facts known to ASSIGNOR(S) relating to the Inventions and the history thereof; 4) testify in all legal proceedings; and 5) generally do everything possible which Assignee, its successors, assigns and representatives shall consider desirable for aiding in securing, maintaining and/or enforcing ASSIGNEE'S rights and patent protection in said Inventions, and for vesting title therein in ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNOR(S) further agree that ASSIGNEE shall have and to hold the interests assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, reexaminations, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment not been made.

ASSIGNOR(S) further authorize and request the United States Commissioner of Patent and Trademarks and any corresponding foreign officer to issue to ASSIGNEE, its successors, assigns and legal representatives, any and all United States and foreign Letters Patent on the Inventions.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal the signing indicated below.

WARNING: THE DATE OF SIGNING MUST BE THE SAME AS THE DATE OF EXECUTION OF THE APPLICATION, IF ITEM (A) WAS CHECKED ABOVE.

Date: 3-21-00

Signature of ASSIGNEE

Date: 3-21-00

**Signature of ASSIGNOR**

(if ASSIGNEE is a legal entity, complete the following information)

(TYPE OR PRINT THE NAME OF THE ABOVE PERSON  
AUTHORIZED TO SIGN ON BEHALF OF  
ASSIGNOR)

---

**Title**

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

[ ] Notarization or Legalization Page Added.



Attorney's Docket No. 99-041

200 MAR 27 PM 12:08

OPR/PTENT  
PATENT  
TRADE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Assignments  
Assistant Commissioner for Patents  
United States Patent And Trademark Office  
Washington, D.C. 20231

NOTE: "Documents and cover sheets to be recorded should be addressed to Assistant Commissioner for Patents, Box Assignments, Washington, D.C. 20231, unless they are filed together with new applications or with a petition under S 3.81(b)." 37 CFR 3.27.

**ASSIGNMENT (DOCUMENT) COVER SHEET (37 CFR 3.31)**

NOTE: "A cover sheet may not refer to both patents and trademarks." 37 CFR 3.31(b).

Attached please find an assignment (document) for recordal.

**IDENTIFICATION OF APPLICATION(S) AND/OR PATENT(S)  
FOR ASSIGNMENT (DOCUMENT) RECORDAL  
(37 CFR 3.21 and 37 CFR 3.31(a)(4))**

NOTE: "An assignment relating to a patent must identify the patent by the patent number. An assignment relating to a national patent application must identify the national patent application by the application number (consisting of the series code and the serial number, e.g., 07/123,456) or the serial number and the filing date. An assignment relating to an international patent application which designates the United States of America must identify the international application by the international application number (e.g., PCT/US90/01234)." 37 CFR 3.21.

NOTE: S 3.21 does not apply to documents other than assignment. Notice of June 24, 1992 (1140 O.G. 63-72 at 67).

1. This assignment is for the following patent application and/or issued patent:

**ENZYME-CONTAINING POLYURETHANES**

National application: SN: 09/441,592 filed on November 17, 1999

Provisional application: / filed on

International application: PCT/ /

Patent No: Issued:

(COMPLETE IF APPLICABLE) which was previously assigned and recorded

Date \_\_\_\_\_

Reel \_\_\_\_\_

Frame \_\_\_\_\_

(ALSO COMPLETE THE FOLLOWING, IF APPLICABLE)

and also for the applications and/or patents  
shown on the attached list of FURTHER  
APPLICATION(S) and/or PATENT(S) BEING ASSIGNED

Number of pages added \_\_\_\_\_

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**TOTAL NUMBER OF APPLICATIONS AND/OR PATENTS  
AND TOTAL FEE (37 CFR 3.28(a)(6))**

2. A. The total number of applications and/or patents identified in this cover sheet is

1.

B. The total fee is (37 CFR 1.21(h)):

1 \_\_\_\_\_ X \$40.00 = \$ 40.00  
Total number of applications  
and/or patents

C. Payment of fee is made by:

the attached check for \$ 40.00.

Please charge Account \_\_\_\_\_

the sum of \$ \_\_\_\_\_.

A duplicate of this cover sheet is attached.

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**NAME OF PARTY(IES) CONVEYING INTEREST  
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3. The party(ies) conveying interest is (are):

Name 1: Keith E. LeJuene

Name 2: Alan J. Russell

**NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST  
(37 CFR 3.31(a)(2))**

4. The rights are being conveyed to:

Name: Agentase, LLC

Address: 3636 Boulevard of the Allies

Pittsburgh, PA 15213 U.S.A

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TRANSACTION RECORDED (37 CFR 3.31(a)(3))**

5. The accompanying document intends to accomplish:

- an assignment.
- a security agreement.
- a merger.
- a license.
- a change of name..
- a change of address.
- other:

NAME AND ADDRESS OF PARTY TO WHOM  
CORRESPONDENCE SHOULD BE MAILED (37 CFR 3.31(a)(5))

6. Please address correspondence to:

Name: Henry E. Bartony, Jr.

Address: Law & Finance Building  
Suite 1801  
429 Fourth Avenue  
Pittsburgh, PA 15219 USA

Telephone No.: (412) 338-8632  
Fax No.: (412) 338-6611

DATE ASSIGNMENT (DOCUMENT) EXECUTED  
(37 CFR 3.31(a)(7))

7. The attached assignment (document) was executed on  
March 21, 2000.

(date)

LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

NOTE: "The Office will accept and record non-English language documents only if accompanied by a verified English translation signed by the individual making the translation." 37 CFR 3.26.

8. The attached document:

is in the English language.

is not in the English language and a verified English translation signed by the individual making the translation is attached.

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the original document.

a true copy of the original document.

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(check item, if applicable)

10. [ ] Because the purpose of the attached documents is to record a change of address of the assignee, the particulars of the previously recorded assignments for each application and/or patent are shown.

**ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF NAME**

(check item, if applicable)

11. [ ] Because the purpose of the attached documents is to record a change of name of the assignee, the particulars of the previously recorded assignments for each application and/or patent are shown.

**CHANGE OF PATENT MAINTENANCE FEE ADDRESS**

(check item, if applicable)

12. [ ] A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent to the Office separately.

STATEMENT (37 CFR 3.31(a)(9)) AND  
SIGNATURE (37 CFR 3.31(a)(10))

13. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

NOTE: "The term 'party' as used in this rule [S 3.31] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer where a corporation's name appears on the document." Notice of June 24, 1992, 1140 O.G. 63-76, at 65.

Date: March 22, 2000

Henry E. Bartony, Jr.

Name of party submitting document

Henry C. Bartony

Signature of party submitting document

(COMPLETE THE FOLLOWING, IF THE PARTY  
SUBMITTING THE DOCUMENT IS  
APPLICANT'S ATTORNEY)

Henry C. Bartony

SIGNATURE OF ATTORNEY

Henry E. Bartony, Jr.

(TYPE OR PRINT NAME OF ATTORNEY)

Bartony & Hare

Suite 1801, Law & Finance Building

P.O. Address

429 Fourth Avenue

Pittsburgh, PA 15219

**TOTAL NUMBER OF PAGES BEING SUBMITTED**

14. The total number of pages being submitted, including cover sheet attachment(s), and documents are:

9

Total number of pages submitted

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: The Assistant Commissioner for Patents, Washington D.C. 20231.

On March 22, 2000

Henry C. Bartony

Henry E. Bartony Jr.  
Registration No. 34,772

March 22, 2000

Date

Approved for use through 10/30/2005 GPO 0681-0236  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT

Application Number	09/461,392
Filing Date	November 17, 1999
First Named Inventor	Keith E. LeJeune
Title	Enzyme-Containing...
Art Unit	1651
Examiner Name	David M. Naff
Attorney Docket Number	99-041 (030660)

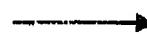
O I P E  
JAN 16 2004

PATENT &amp; TRADEMARK OFFICE

I hereby appoint:

 Practitioner(s) at Customer Number

23464



OR

 Practitioner(s) named below:

Name	Registration Number

PATENT TRADEMARK OFFICE

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

 The above-mentioned Customer Number.

OR

 Practitioner(s) at Customer Number.Place Customer  
Number Bar Code  
Label here

OR

<input checked="" type="checkbox"/>	Firm or Individual Name	Craig G. Cochenour, Esq.			
Address	Buchanan Ingersoll PC				
Address	301 Grant Street, 20th Floor				
City	Pittsburgh	State	PA	ZIP	15219
Country	USA				
Telephone	412-562-3978	Fax	412-562-1041		

I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 2.73(d) is enclosed (Form PTO/SB/00).

## SIGNATURE of Applicant or Assignee of Record

Name	Keith E. LeJeune, CEO, Agentase, LLC		
Signature			
Date	1-15-04	Telephone	412-209-7298

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

 Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.32. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form would be appreciated for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/06 (04-03)

Approved for use through 04/30/2002. GMB 0801-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Keith E. LeJeuneApplication No./Patent No.: 09/441,592 Filed/Issue Date: November 17, 1999Enabled: Enzyme-Containing PolyurethanesAssignee: LLC

(Name of Assignee)

, a Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or2.  an assignee of less than the entire right, title and interest.The assignee (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 010716, Frame 0710, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

1-15-04

Date

412-209-7298

Telephone number

Keith E. LeJeune

Typed or printed name



Signature

President, CEO

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



99-041

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

PTAS



\*101333098A\*

HENRY E. BARTONY, JR  
LAW & FINANCE BUILDING  
429 FOURTH AVENUE, SUITE 1801  
PITTSBURGH, PA 15219

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/27/2000

REEL/FRAME: 010716/0710  
NUMBER OF PAGES: 9

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

LEJUENE, KEITH E.

DOC DATE: 03/21/2000

ASSIGNEE:

RUSSELL, ALAN J.

DOC DATE: 03/21/2000

ASSIGNEE:

AGENTASE, LLS  
3636 BOULEVARD OF THE ALLIES  
PITTSBURGH, PENNSYLVANIA 15213

SERIAL NUMBER: 09441592

FILING DATE: 11/17/1999  
ISSUE DATE:

PATENT NUMBER:

ANTIONE ROYALL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

MRD

3.27.00

04-25

000



Attorney's Docket No. 99-041

101333098

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Assignments  
Assistant Commissioner for Patents  
United States Patent And Trademark Office  
Washington, D.C. 20231

RECEIVED  
JUN 27 PM 12:09

OPR/FINNANCE

NOTE: "Documents and cover sheets to be recorded should be addressed to Assistant Commissioner for Patents, Box Assignments, Washington, D.C. 20231, unless they are filed together with new applications or with a petition under S 3.81(b)." 37 CFR 3.27.

**ASSIGNMENT (DOCUMENT) COVER SHEET (37 CFR 3.31)**

NOTE: "A cover sheet may not refer to both patents and trademarks." 37 CFR 3.31(b).

Attached please find an assignment (document) for recordal.

**IDENTIFICATION OF APPLICATION(S) AND/OR PATENT(S)  
FOR ASSIGNMENT (DOCUMENT) RECORDAL  
(37 CFR 3.21 and 37 CFR 3.31(a)(4))**

NOTE: "An assignment relating to a patent must identify the patent by the patent number. An assignment relating to a national patent application must identify the national patent application by the application number (consisting of the series code and the serial number, e.g., 07/123,456) or the serial number and the filing date. An assignment relating to an international patent application which designates the United States of America must identify the international application by the international application number (e.g., PCT/US90/01234)." 37 CFR 3.21.

NOTE: S 3.21 does not apply to documents other than assignment. Notice of June 24, 1992 (1140 O.G. 63-72 at 67).

1. This assignment is for the following patent application and/or issued patent:

**ENZYME-CONTAINING POLYURETHANES**

National application: SN: 09/441,592 filed on November 17, 1999

Provisional application: / filed on

International application: PCT/ /

Patent No: Issued:

(COMPLETE IF APPLICABLE) which was previously assigned and recorded

Date \_\_\_\_\_

Reel \_\_\_\_\_

Frame \_\_\_\_\_

04/25/2000 DOCAATES 00000094 09441500

01 FC:581

40.00 OP

(ALSO COMPLETE THE FOLLOWING, IF APPLICABLE)

[ ] and also for the applications and/or patents  
shown on the attached list of FURTHER  
APPLICATION(S) and/or PATENT(S) BEING ASSIGNED

Number of pages added \_\_\_\_\_

NOTE: "Where there is a listing of properties contained within a document, any listing may be copied and attached to the cover sheet to reduce the amount of typing necessary. A notation of this attachment can be made in lieu of entering every property identification number on the cover sheet. Notice of June 24, 1992 (1140 O.G. 63-72 at 67).

**TOTAL NUMBER OF APPLICATIONS AND/OR PATENTS  
AND TOTAL FEE (37 CFR 3.28(a)(6))**

2. A. The total number of applications and/or patents identified in this cover sheet is

\_\_\_\_\_ 1 \_\_\_\_\_.

B. The total fee is (37 CFR 1.21(h)):

\_\_\_\_\_ 1 \_\_\_\_\_ X \$40.00 = \$ \_\_\_\_\_ 40.00 \_\_\_\_\_  
Total number of applications  
and/or patents

C. Payment of fee is made by:

[x] the attached check for \$ \_\_\_\_\_ 40.00 \_\_\_\_\_.

[ ] Please charge Account \_\_\_\_\_

the sum of \$ \_\_\_\_\_.

A duplicate of this cover sheet is attached.

Please charge Account \_\_\_\_\_ 02-1065 \_\_\_\_\_ for any fee deficiency or  
credit to account any overpayment.

NAME OF PARTY(IES) CONVEYING INTEREST  
(37 CFR 3.31(a)(1))

NOTE: "The term 'party' as used in this rule [S 3.31] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer where a corporation's name appears on the documents." Notice of June 24, 1992 (1140 O.G. 63-72, at 65).

3. The party(ies) conveying interest is (are):

Name 1: Keith E. LeJuene

Name 2: Alan J. Russell

NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST  
(37 CFR 3.31(a)(2))

4. The rights are being conveyed to:

Name: Agentase, LLC  
Address: 3636 Boulevard of the Allies  
Pittsburgh, PA 15213 U.S.A

DESCRIPTION OF INTEREST CONVEYED OR  
TRANSACTION RECORDED (37 CFR 3.31(a)(3))

5. The accompanying document intends to accomplish:

- an assignment.
- a security agreement.
- a merger.
- a license.
- a change of name.
- a change of address.
- other:

NAME AND ADDRESS OF PARTY TO WHOM  
CORRESPONDENCE SHOULD BE MAILED (37 CFR 3.31(a)(5))

6. Please address correspondence to:

Name: Henry E. Bartony, Jr.

Address: Law & Finance Building  
Suite 1801  
429 Fourth Avenue  
Pittsburgh, PA 15219 USA

Telephone No.: (412) 338-8632  
Fax No.: (412) 338-6611

DATE ASSIGNMENT (DOCUMENT) EXECUTED  
(37 CFR 3.31(a)(7))

7. The attached assignment (document) was executed on  
March 21, 2000

(date)

LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

NOTE: "The Office will accept and record non-English language documents only if accompanied by a verified English translation signed by the individual making the translation." 37 CFR 3.26.

8. The attached document:

is in the English language.

is not in the English language and a verified English translation signed by the individual making the translation is attached.

ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

NOTE: "Either the original document or a true copy of the original document may be submitted for recording. Only one side of each page shall be used. The paper used should be flexible, strong, white, non-shiny, durable, and preferably no larger than 21.6 x 33.1 cm. (81/2 x 14 inches) with a 2.5 cm. (one-inch) margin on all sides." 37 CFR 3.24.

9. Submitted herewith is:

the original document.

a true copy of the original document.

NOTE: "If the original [assignment] document is two-sided or the wrong size, the practitioner can comply with the requirement [set out in 37 C.F.R. S 3.24] by providing a true copy of the original document using

only one side of each page on the correct size paper.'' Notice of June 24, 1992, 1140 O.G. 63-76, at 67.

**ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF ADDRESS**

(check item, if applicable)

10. [ ] Because the purpose of the attached documents is to record a change of address of the assignee, the particulars of the previously recorded assignments for each application and/or patent are shown.

**ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF NAME**

(check item, if applicable)

11. [ ] Because the purpose of the attached documents is to record a change of name of the assignee, the particulars of the previously recorded assignments for each application and/or patent are shown.

**CHANGE OF PATENT MAINTENANCE FEE ADDRESS**

(check item, if applicable)

12. [ ] A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent to the Office separately.

STATEMENT (37 CFR 3.31(a)(9)) AND  
SIGNATURE (37 CFR 3.31(a)(10))

13. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

NOTE: "The term 'party' as used in this rule [S 3.31] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer where a corporation's name appears on the document." Notice of June 24, 1992, 1140 O.G. 63-76, at 65.

Date: March 22, 2000

Henry E. Bartony, Jr.

Name of party submitting document



Signature of party submitting document

(COMPLETE THE FOLLOWING, IF THE PARTY  
SUBMITTING THE DOCUMENT IS  
APPLICANT'S ATTORNEY)



SIGNATURE OF ATTORNEY

Reg. No.: 34,772

Henry E. Bartony, Jr.

(TYPE OR PRINT NAME OF ATTORNEY)

Bartony & Hare

Suite 1801, Law & Finance Building

P.O. Address

429 Fourth Avenue

Pittsburgh, PA 15219

**TOTAL NUMBER OF PAGES BEING SUBMITTED**

14. The total number of pages being submitted, including cover sheet attachment(s), and documents are:

9

Total number of pages submitted

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: The Assistant Commissioner for Patents, Washington D.C. 20231.

On March 22, 2000

  
Henry E. Bartony Jr.  
Registration No. 34,772

March 22, 2000

Date

For:  U.S. and  Foreign Rights  
For:  U.S. Application or  
[ ] U.S. Provisional Application  
For: [ ] U.S. Patent  
For: [ ] PCT Application  
By:  Inventor(s) or [ ] Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR(S):**

Inventor(s) or  
person(s) or  
entity(ies) who own the  
invention

1. Keith E. LeJuene  
(TYPE OR PRINT NAME(S) OF ASSIGNOR(S))

1914 Teal Trace  
ADDRESS

Pittsburgh, Pennsylvania 15237

USA  
NATIONALITY

2. Alan J. Russell  
(TYPE OR PRINT NAME(S) OF ASSIGNOR(S))

113 Foxwood Drive  
ADDRESS

Wexford, Pennsylvania 15090

USA  
NATIONALITY

hereby sell, assign and transfer to

**ASSIGNEE:**

Agentase, LLC  
(TYPE OR PRINT NAME(S) OF ASSIGNEE(S))

3636 Boulevard of the Allies  
Address

Pittsburgh, Pennsylvania 15213

USA  
Nationality

a Pennsylvania corporation, and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

the entire right, title and interest

an undivided \_\_\_\_\_ percent (\_\_\_\_\_) % interest

for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority,

in and to any and all inventions, developments and improvements (collectively, the "Inventions") which are disclosed in the invention entitled:

**ENZYME-CONTAINING POLYURETHANES**

Name of inventor(s) Keith E. LeJuene and Alan J. Russell

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a)  U.S. patent application executed on even date herewith

(b)  U.S. patent application executed on \_\_\_\_\_

(c)  U.S. provisional application naming the above inventor(s) for the above-entitled invention.

Express mail label no.: \_\_\_\_\_  
Mailed: \_\_\_\_\_

To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.

(d)  U.S. application no. 09/441,592  
filed on November 19, 1999  
 Express mail label no.: \_\_\_\_\_

(e)  International application no. PCT/ \_\_\_\_\_ / \_\_\_\_\_  
\_\_\_\_\_

(f)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g)  and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for the Inventions by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent, any reissue or re-examination thereof.

ASSIGNOR(S) hereby covenant that no assignment, sale, grant, mortgage, license, encumbrance or other agreement affecting the rights and property herein conveyed has been or will be made or entered into, and that ASSIGNOR(S) have the full right to convey the same.

ASSIGNOR(S) further agree that when requested, without charge to, but at the expense of ASSIGNEE, that ASSIGNOR(S) will: 1) execute, for all countries, all divisions, reissues, reexaminations, continuations, renewals, extensions and all other patent applications on any and all of the Inventions; 2) execute all rightful oaths and other papers; 3) communicate all facts known to ASSIGNOR(S) relating to the Inventions and the history thereof; 4) testify in all legal proceedings; and 5) generally do everything possible which Assignee, its successors, assigns and representatives shall consider desirable for aiding in securing, maintaining and/or enforcing ASSIGNEE'S rights and patent protection in said Inventions, and for vesting title therein in ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNOR(S) further agree that ASSIGNEE shall have and to hold the interests assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, reexaminations, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment not been made.

ASSIGNOR(S) further authorize and request the United States Commissioner of Patent and Trademarks and any corresponding foreign officer to issue to ASSIGNEE, its successors, assigns and legal representatives, any and all United States and foreign Letters Patent on the Inventions.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal the signing indicated below.

WARNING: THE DATE OF SIGNING MUST BE THE SAME AS THE DATE OF EXECUTION OF  
THE APPLICATION, IF ITEM (A) WAS CHECKED ABOVE.

Date: 3-21-00

Signature of ASSIGNEE

Date: 3-21-00

**Signature of ASSIGNOR**

(if ASSIGNEE is a legal entity, complete the following information)

(TYPE OR PRINT THE NAME OF THE ABOVE PERSON  
AUTHORIZED TO SIGN ON BEHALF OF  
ASSIGNOR)

---

**Title**

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

[ ] Notarization or Legalization Page Added.

200 MAR 27 PM 12:08

OPR/PATENT  
FIRENCE

Attorney's Docket No. 99-041

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Assignments  
Assistant Commissioner for Patents  
United States Patent And Trademark Office  
Washington, D.C. 20231

NOTE: "Documents and cover sheets to be recorded should be addressed to Assistant Commissioner for Patents, Box Assignments, Washington, D.C. 20231, unless they are filed together with new applications or with a petition under S 3.81(b)." 37 CFR 3.27.

**ASSIGNMENT (DOCUMENT) COVER SHEET (37 CFR 3.31)**

NOTE: "A cover sheet may not refer to both patents and trademarks." 37 CFR 3.31(b).

Attached please find an assignment (document) for recordal.

**IDENTIFICATION OF APPLICATION(S) AND/OR PATENT(S)  
FOR ASSIGNMENT (DOCUMENT) RECORDAL  
(37 CFR 3.21 and 37 CFR 3.31(a)(4))**

NOTE: "An assignment relating to a patent must identify the patent by the patent number. An assignment relating to a national patent application must identify the national patent application by the application number (consisting of the series code and the serial number, e.g., 07/123,456) or the serial number and the filing date. An assignment relating to an international patent application which designates the United States of America must identify the international application by the international application number (e.g., PCT/US90/01234)." 37 CFR 3.21.

NOTE: S 3.21 does not apply to documents other than assignment. Notice of June 24, 1992 (1140 O.G. 63-72 at 67).

1. This assignment is for the following patent application and/or issued patent:

**ENZYME-CONTAINING POLYURETHANES**

National application: SN: 09/441,592 filed on November 17, 1999

Provisional application: / filed on

International application: PCT/ /

Patent No: Issued:

(COMPLETE IF APPLICABLE) which was previously assigned and recorded

Date \_\_\_\_\_

Reel \_\_\_\_\_

Frame \_\_\_\_\_

(ALSO COMPLETE THE FOLLOWING, IF APPLICABLE)

[ ] and also for the applications and/or patents  
shown on the attached list of FURTHER  
APPLICATION(S) and/or PATENT(S) BEING ASSIGNED

Number of pages added \_\_\_\_\_

NOTE: "Where there is a listing of properties contained within a document, any listing may be copied and attached to the cover sheet to reduce the amount of typing necessary. A notation of this attachment can be made in lieu of entering every property identification number on the cover sheet. Notice of June 24, 1992 (1140 O.G. 63-72 at 67).

**TOTAL NUMBER OF APPLICATIONS AND/OR PATENTS  
AND TOTAL FEE (37 CFR 3.28(a)(6))**

2. A. The total number of applications and/or patents identified in this cover sheet is

\_\_\_\_\_ 1 \_\_\_\_\_.

B. The total fee is (37 CFR 1.21(h)):

1	X \$40.00 = \$	40.00
Total number of applications and/or patents		

C. Payment of fee is made by:

[x] the attached check for \$ 40.00 \_\_\_\_\_.

[ ] Please charge Account \_\_\_\_\_

the sum of \$ \_\_\_\_\_.

A duplicate of this cover sheet is attached.

Please charge Account 02-1065 for any fee deficiency or  
credit to account any overpayment.

**NAME OF PARTY(IES) CONVEYING INTEREST  
(37 CFR 3.31(a) (1))**

NOTE: "The term 'party' as used in this rule [S 3.31] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer where a corporation's name appears on the documents." Notice of June 24, 1992 (1140 O.G. 63-72, at 65).

3. The party(ies) conveying interest is (are):

Name 1: Keith E. LeJuene

Name 2: Alan J. Russell

**NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST  
(37 CFR 3.31(a) (2))**

4. The rights are being conveyed to:

Name: Agentase, LLC

Address: 3636 Boulevard of the Allies

Pittsburgh, PA 15213 U.S.A

**DESCRIPTION OF INTEREST CONVEYED OR  
TRANSACTION RECORDED (37 CFR 3.31(a) (3))**

5. The accompanying document intends to accomplish:

- an assignment.
- a security agreement.
- a merger.
- a license.
- a change of name..
- a change of address.
- other:

NAME AND ADDRESS OF PARTY TO WHOM  
CORRESPONDENCE SHOULD BE MAILED (37 CFR 3.31(a)(5))

6. Please address correspondence to:

Name: Henry E. Bartony, Jr.

Address: Law & Finance Building  
Suite 1801  
429 Fourth Avenue  
Pittsburgh, PA 15219 USA

Telephone No.: (412) 338-8632  
Fax No.: (412) 338-6611

DATE ASSIGNMENT (DOCUMENT) EXECUTED  
(37 CFR 3.31(a)(7))

7. The attached assignment (document) was executed on  
March 21, 2000

(date)

LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

NOTE: "The Office will accept and record non-English language documents only if accompanied by a verified English translation signed by the individual making the translation." 37 CFR 3.26.

8. The attached document:

is in the English language.

is not in the English language and a verified English translation signed by the individual making the translation is attached.

ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

NOTE: "Either the original document or a true copy of the original document may be submitted for recording. Only one side of each page shall be used. The paper used should be flexible, strong, white, non-shiny, durable, and preferably no larger than 21.6 x 33.1 cm. (8 1/2 x 14 inches) with a 2.5 cm. (one-inch) margin on all sides." 37 CFR 3.24.

9. Submitted herewith is:

the original document.

a true copy of the original document.

NOTE: "If the original [assignment] document is two-sided or the wrong size, the practitioner can comply with the requirement [set out in 37 C.F.R. S 3.24] by providing a true copy of the original document using

only one side of each page on the correct size paper.'' Notice of June 24, 1992, 1140 O.G. 63-76, at 67.

**ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF ADDRESS**

(check item, if applicable)

10. [ ] Because the purpose of the attached documents is to record a change of address of the assignee, the particulars of the previously recorded assignments for each application and/or patent are shown.

**ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF NAME**

(check item, if applicable)

11. [ ] Because the purpose of the attached documents is to record a change of name of the assignee, the particulars of the previously recorded assignments for each application and/or patent are shown.

**CHANGE OF PATENT MAINTENANCE FEE ADDRESS**

(check item, if applicable)

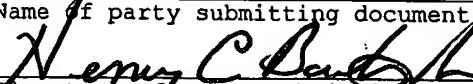
12. [ ] A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent to the Office separately.

STATEMENT (37 CFR 3.31(a)(9)) AND  
SIGNATURE (37 CFR 3.31(a)(10))

13. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

NOTE: "The term 'party' as used in this rule [S 3.31] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer where a corporation's name appears on the document." Notice of June 24, 1992, 1140 O.G. 63-76, at 65.

Date: March 22, 2000

Henry E. Bartony, Jr.  
Name of party submitting document  
  
Signature of party submitting document

(COMPLETE THE FOLLOWING, IF THE PARTY  
SUBMITTING THE DOCUMENT IS  
APPLICANT'S ATTORNEY)

  
SIGNATURE OF ATTORNEY

Henry E. Bartony, Jr.  
(TYPE OR PRINT NAME OF ATTORNEY)  
Bartony & Hare  
Suite 1801, Law & Finance Building  
P.O. Address  
429 Fourth Avenue  
Pittsburgh, PA 15219

TOTAL NUMBER OF PAGES BEING SUBMITTED

14. The total number of pages being submitted, including cover sheet attachment(s), and documents are:

9

Total number of pages submitted

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: The Assistant Commissioner for Patents, Washington D.C. 20231.

On March 22, 2000

  
Henry E. Bartony Jr.  
Registration No. 34,772

March 22, 2000

Date